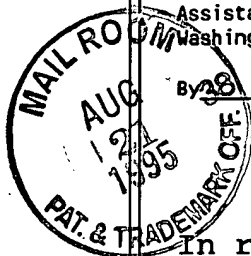


I her by certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents Washington, D.C. 20231, on Aug 17, 1995

By 28

Katie Zarzana
Katie Zarzana

Attorney Docket No. 15270-002120



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

PETER A. SEUBERT et al.

Serial No.: 08/466,554

Filed: June 6, 1995

For: METHODS FOR AIDING IN THE
DIAGNOSIS OF ALZHEIMER'S
DISEASE BY MEASURING
AMYLOID- β PEPTIDE (x- \geq 41)
AND TAU

Examiner: unassigned

Art Unit: unassigned

INFORMATION DISCLOSURE
STATEMENT UNDER

37 CFR \S 1.97(b) and \S 1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. A copy of each is enclosed. Applicants are filing this statement before the mailing date of the first Office Action.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Respectfully submitted,

John R. Storella

John R. Storella
Reg. No. 32,944

TOWNSEND and TOWNSEND and CREW
One Market Plaza
Steuart Street Tower, 20th Floor
San Francisco, California 94105

(415) 326-2400

JRS:kz

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Form PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Docket No.: 15270-002120	Serial No.: 08/466,554
	Applicant: P. SEUBERT et al.	
	Filing Date: June 6, 1995	Group:

Reference Designation*

U.S. PATENT DOCUMENTS

Examiner Initial	*	Document No.	Date	Name	Class	Sub-Class
	AA	4,666,829	05/19/87	Glenner et al.	435	6
	AB	5,387,742	02/07/95	Cordell	800	2

FOREIGN PATENT DOCUMENTS

Examiner Initial	*	Document No.	Date	Country	Translation	Class	Sub-Class
	AC	WO 90/12870	11/1/90	PCT	Y		
	AD	WO 90/12871	11/1/90	PCT	Y		
	AE	WO 93/14200	7/22/93	PCT	Y		

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AF	Glenner and Wong (1984) Biochem. Biophys. Res. Commun. 120:885-890.
		Alzheimer's Disease: Initial Report Of The Purification And Characterization Of A Novel Cerebrovascular Amyloid Protein
	AG	Kang et al. (1987) Nature 325:733-736.
		The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor
	AH	Roher et al. (1993) Proc. Natl. Acad. Sci. USA 90:1086-840.
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	AI	Iwatsubo et al. (1994) Neuron 13:45-53.
		Visualization of A β 42(43) and A β 40 in Senile Plaques with End-Specific A β Monoclonals: Evidence That an Initially Deposited Species Is A β 42(43)
Examiner		Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AJ	Selkoe (1994) J. Neuropath. and Exp. Neurol. 53:438-447.
		Alzheimer's Disease: A Central Role for Amyloid /
	AK	Selkoe (1991) Neuron 6:487.
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	AL	Goate et al. (1991) Nature 349:704-706.
		Segregation of a missense mutation in the amyloid precursor protein gene with familial Alzheimer's disease /
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	AN	Murrell et al. (1991) Science 254:97-99.
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	AS	Selkoe et al. (1986) J. Neurochem. 46:1820-1834.
		Isolation of Low-Molecular-Weight Proteins from Amyloid Plaque Fibers in Alzheimer's Disease /
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	AT	Joachim et al. (1988) Brain Research 474:100-111.
		Protein chemical and immunocytochemical studies of meningo-vascular β -amyloid protein in Alzheimer's disease and normal aging
	AU	Hilbich et al. (1991) J. Mol. Biol. 218:149-163.
		Aggregation and Secondary Structure of Synthetic Amyloid β A4 Peptides of Alzheimer's Disease
	AV	Barrow and Zagorski (1991) Science 253:179-182.
		Solution Structures of β Peptide and Its Constituent Fragments: Relation to Amyloid Deposition
	AW	Burdick et al. (1992) J. Biol. Chem. 267:546-554.
		Assembly and Aggregation Properties of Synthetic Alzheimer's A4/ β Amyloid Peptide Analogs
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		Soluble derivatives of the β amyloid protein precursor in cerebrospinal fluid: Alterations in normal aging and in Alzheimer's disease
	BB	Seubert et al. (1993) Nature 361:260-263.
		Secretion of β -amyloid precursor protein cleaved at the amino terminus of the β -amyloid peptide
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	BC	Podlisny et al. (1990) Biochem. Biophys. Res. Commun. 167:1094-1101
		Detection Of Soluble Forms Of The β -Amyloid Precursor Protein In Human Plasma
	BD	Rumble et al. (1989) N. Engl. J. Med. 320:1446-1452.
		Amyloid A4 Protein And Its Precursor In Down's Syndrome And Alzheimer's Disease
	BE	Schlossmacher et al. (1992) Neurobiol. Aging 13:421-434.
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	BF	Wong et al. (1984) Proc. Natl. Acad. Sci USA 82:8729-8732.
		Neuritic plaques and cerebrovascular amyloid in Alzheimer disease are antigenically related
	BG	Selkoe (1986) Neurobiol. Aging 7:425-432.
		Altered Structural Proteins in Plaques and Tangles: What do They Tell Us About the Biology of Alzheimer's Disease?
	BH	Pardridge et al. (1987) Biochem. Biophys. Res. Commun. 145:241-248.
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	BI	Joachim et al. (1989) Nature 341:226-230.
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	BJ	Selkoe et al. (1989) Neurobiol. Aging 10:387-395.
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	BK	Wisniewski, Alzheimer's disease, eds. Becker and Giacobini, Taylor and Francis, N.Y. pg. 206, 1990.
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	BM	Seubert et al. (1992) Nature 359:325-327. Isolation and quantification of soluble Alzheimer's β -peptide from biological fluids
	BN	Vigo-Pelfrey et al. (1993) J. Neurochem. 61:1965-1968. Characterization of β -Amyloid Peptide from Human Cerebrospinal Fluid
	BO	Esch et al. (1990) Science 248:1122 Cleavage of Amyloid β Peptide During Constitutive Processing of Its Precursor
	BP	Anderson et al. (1991) Neuro Science Lett. 128:126-128. Exact cleavage site of Alzheimer amyloid precursor in neuronal PC-12 Cells
	BQ	Ponte et al. (1988) Nature 331:525-527. A new A4 amyloid mRNA contains a domain homologous to serine proteinase inhibitors
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	BS	Kitaguchi et al. (1988) Nature 331:530-532. Novel precursor of Alzheimer's disease amyloid protein shows protease inhibitory activity
	BT	Hardy (1992) Nature Genet. 1:233-234. Framing β -amyloid
	BU	Z.S. Khachaturian (1985) Arch. Neurol. 42:1097-1105. Diagnosis of Alzheimer's Disease
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	BV	Vandermeeren et al. (1993) J. Neurochem. 61:1828-1834. Detection of τ Proteins in Normal and Alzheimer's Disease Cerebrospinal Fluid with a Sensitive Sandwich Enzyme-Linked Immunosorbent Assay
	BW	Mann et al. (1992) Neurodegeneration 1:201-295. The time course of pathological events in Down's Syndrome with particular reference to the involvement of microglial cells and deposits of β /A4
	BX	Price et al. (1991) Neurob. Aging 12:295-312. The Distribution of Tangles, Plaques and Related Immunohistochemical Markers in Healthy Aging and Alzheimer's Disease
	BY	Khatoon et al. (1992) J. Neurochem 59:750-753. Brain Levels of Microtubule-Associated Protein τ Are Elevated in Alzheimer's Disease: A Radioimmuno-Slot-Blot Assay for Nanograms of the Protein
	BZ	Goedert et al. (1989) Neuron 3:519-526. Multiple Isoforms of Human Microtubule-Associated Protein Tau: Sequences and Localization in Neurofibrillary Tangles of Alzheimer's Disease
	CA	M. Goedert (1993) TINS 16:460-465. Tau protein and the neurofibrillary pathology of Alzheimer's disease
	CB	Knops et al. (1991) J. Cell Biol. 114:725-733. Overexpression of Tau in a Nonneuronal Cell Induces Long Cellular Processes
	CC	Hachiniski et al. (1975) Arch. Neurol. 32:632-637. Cerebral Blood Flow in Dementia
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	CD	McKhann et al. (1984) Neurology 34:939-944.
		Clinical diagnosis of Alzheimer's disease: Report of the NINCDS-ADRDA Work Group under the auspices of Dept. of Health and Human Services Task Force on Alzheimer's Disease
	CE	The Lund and Manchester Groups (1994) J Neurol Neurosurg Psychiatr 57:416-418.
		Clinical and neuropathological criteria for frontotemporal dementia
	CF	E.S. Kawasaki in PCR Protocols: A guide to methods and applications. Academic Press, Inc., NY (1990) pp. 146-152.
		Sample Preparation From Blood, Cells, And Other Fluids
	CG	Wenham et al. (1991) Lancet 337:1158-1159.
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	CH	American Psychiatric Association, Committee on Nomenclature and Statistics: Diagnostic and Statistical
		Manual of Mental Disorders: Revised Third Edition, Washington D.C. Am. Psych Associ. (1987) (copy not enclosed)
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